



LKT Laboratories, Inc.

Topotecan Hydrochloride

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Product Information

Product ID T5761

CAS No. 119413-54-6

Chemical Name (4S)-10-[(Dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-1H-pyrano [3',4':6,7]indolizino[1,2-b]-quinoline-3,14(4H,12H)-dione hydrochloride

Synonym Hycamtin, NSC-609669, SKF-104864A

Formula C₂₃H₂₅N₃O₅ • HCl

Formula Wt. 457.91

Melting Point 213-218°C(dec.)

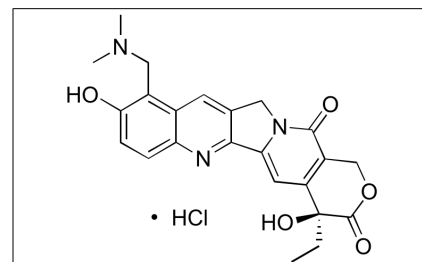
Purity ≥98%

Solubility Soluble in methanol, water (92 mg/mL at 25 °C), DMSO (92 mg/mL at 25 °C), ethanol (<1 mg/mL at 25 °C), and 1: 1 solution of DMSO: PBS (pH 7.2)

Store Temp Ambient

Ship Temp Ambient

Description Topotecan is an anticancer chemotherapeutic compound that inhibits topoisomerase I and is clinically used to treat various cancers. Topotecan induces apoptosis in retinocytoma cells and ovarian cancer cells. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T5761	1 mg	\$44.80
T5761	5 mg	\$67.40
T5761	10 mg	\$81.00
T5761	50 mg	\$137.90

References Attia SM, Ahmad SF, Abd-Allah MF, et al. Germ cell mutagenicity of topoisomerase I inhibitor topotecan detected in the male mouse-dominant lethal study. Food Chem Toxicol. 2013 Dec;62:470-4. PMID: 24036143.

Zhang M, Shan BE, Yuan NF, et al. Effect of topotecan on retinocytoma cell apoptosis and expression of Livin and PTEN. Chin Med J (Engl). 2013 Jan;126(2):340-4. PMID: 23324287.

Caltová K, Cervinka M. Antiproliferative effects of selected chemotherapeutics in human ovarian cancer cell line A2780. Acta Medica (Hradec Kralove). 2012;55(3):116-24. PMID: 23297519.

Sonabend AM, Stuart RM, Yun J, et al. Prolonged intracerebral convection-enhanced delivery of topotecan with a subcutaneously implantable infusion pump. Neuro Oncol. 2011 Aug;13(8):886-893. PMID: 21750007.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.